



2173
#4
S-I
1299
PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Use of this form is mandatory under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	124	Attorney Docket Number	2173
--	-----	------------------------	------

RECEIVED
APR 17 2002
Technology Center 2100

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	
Enclosures: citations AA, AB, AC, AM, AN, AO, AP, AQ, AR, AS, AT, AU		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Derek Lane
Signature	
Date	4-10-2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

Typed or printed name	Derek Lane		
Signature		Date	4-10-2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



APR 15 2002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031

Approved for use through 10/20/2018. GPO:2018-090-0001

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<p>Compl t if Known</p>
<p>Application Number</p>		<p>10/055,455</p>		
<p>Filing Date</p>		<p>01/23/2002</p>		
<p>First Named Inventor</p>		<p>LANE, D.</p>		
<p>Art Unit</p>		<p>2173</p>		
<p>Examiner Name</p>				
Sheet	1	of	2	Attorney Docket Number

U.S. PATENT DOCUMENTS

RECEIVED

APR 17 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08B (10-01)

Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2 of 2

Completeness Known

Application Number 10/1055,455
Filing Date 01/23/2002
First Named Inventor LANE, D.
Group Art Unit 2173
Examiner Name
Attorney Docket Number

APR

17 2002

RECEIVED

Technology Center 2100

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T2
✓ AM	RAO, R.; SPRAGUE, R.H. Natural Technologies for Knowledge Work: Information Visualization. J. Knowl. Mgmt. 2(2). Dec. 1998		
✓ AN	ROBERTSON, G.G. et.al. Data Mountain: Using Spatial Memory for Document Management. Download from Microsoft Research Web Site.		
✓ AO	TENENBAUM J.B. et.al. A Global Geometric Framework for Non-Linear Dimensionality Reduction. Science Vol. 290, pp. 2310-2323 Dec. 2000		
✓ AP	Roweis S.T. et.al. Non-Linear Dimensionality Reduction by Locally Linear Embedding. Science Vol. 290 pp. 2323-2326 22 Dec. 2000		
✓ AR	KOHONEN T. Self-Organizing Maps, 3rd Ed Springer-Verlag pp. 106-115. Copyright. 1995, 1997, 2001		
✓ AS	ROBERTSON G.G. et.al. Information Visualization using 3D Interactive Animation. Comm. ACM 36(4) pp. 57-71 April 1993		
AT	The Brain Technologies, "Personal Brain", copyright date 2001. www.thebrain.com		
AU	Plumb Design, "Thinkmap Visual Thesaurus," copyright date 1998. www.thinkmap.com		
	Inxight Software, "Star Tree," copyright date 1996-1997. www.inxight.com		

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.